

1. curl -d 'fname=Tim&lname=Filippone' -i  
<http://www.cs.odu.edu/~anwala/files/temp/namesEcho.php>

```
tim@tim-MS-7808:~$ curl -d 'fname=Tim&lname=Filippone' -i http://www.cs.odu.edu/~anwala/files/temp/namesEcho.php
HTTP/1.1 200 OK
Server: nginx
Date: Wed, 24 Jan 2018 09:09:52 GMT
Content-Type: text/html
Transfer-Encoding: chunked
Connection: keep-alive
Vary: Accept-Encoding

<!DOCTYPE html>
<html>
<body>

<br />
<br />
<b>fname Posted: </b>Tim<br />
<b>lname Posted: </b>Filippone<br />

</body>
</html>tim@tim-MS-7808:~$
```

## 2. Program explanation

getLinks(url):

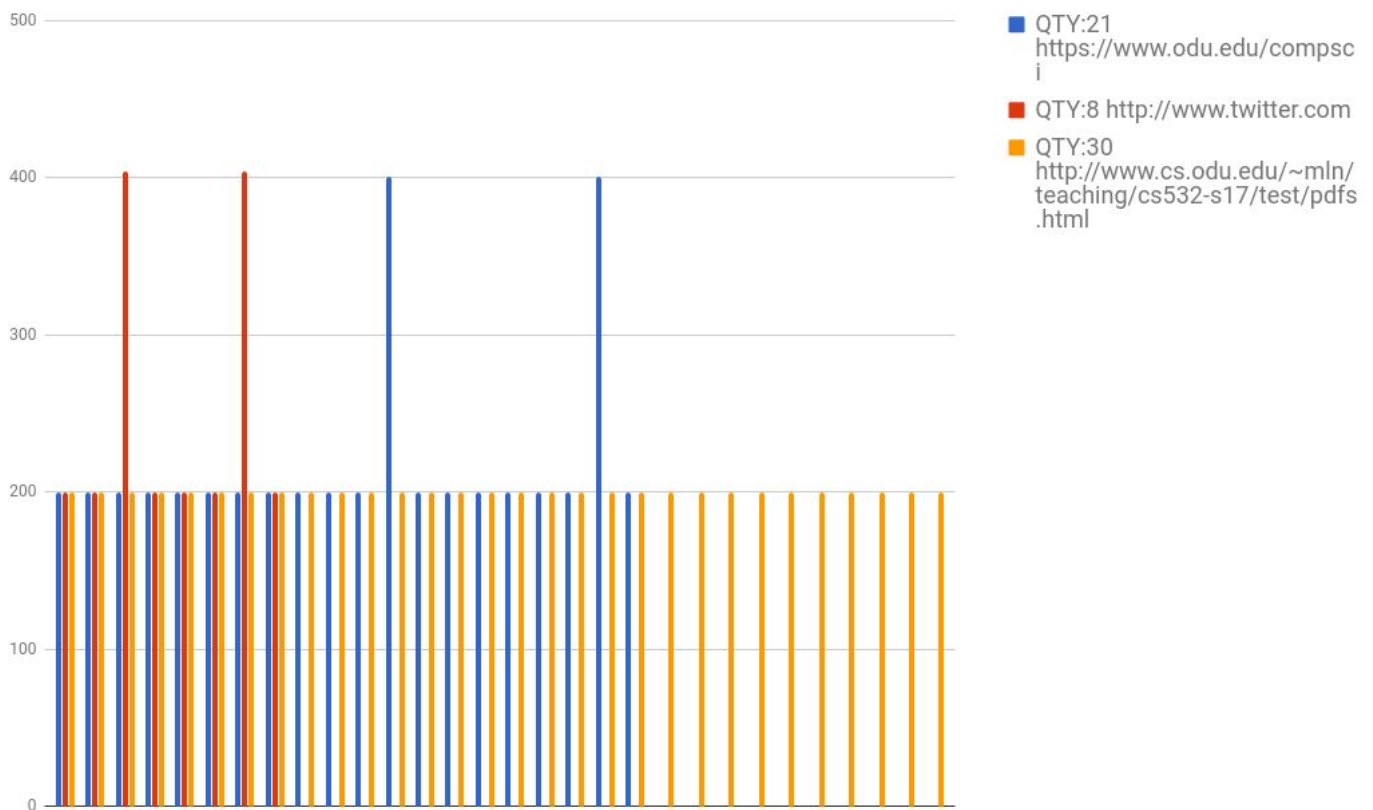
Uses BeautifulSoup, and urllib to read a url, extracts it's links and store them in a list

getRedirects():

Reads the following list and appends any redirected sites. Status codes for each Url are written to text file shown in graph below.

checkPDF():

Determines if links are PDF format, then lists byte size, otherwise "No PDF's found" message is sent



List of PDF's from: <http://www.cs.odu.edu/~mln/teaching/cs532-s17/test/pdfs.html>

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<http://www.cs.odu.edu/~mln/pubs/ht-2015/hypertext-2015-temporal-violations.pdf>

Size: 2184076

File type: application/pdf

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<http://www.cs.odu.edu/~mln/pubs/tpdl-2015/tpdl-2015-annotations.pdf>

Size: 622981

File type: application/pdf

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<http://arxiv.org/pdf/1512.06195>

Size: 1748961

File type: application/pdf

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<http://www.cs.odu.edu/~mln/pubs/tpdl-2015/tpdl-2015-off-topic.pdf>

Size: 4308768

File type: application/pdf

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<http://www.cs.odu.edu/~mln/pubs/tpdl-2015/tpdl-2015-stories.pdf>

Size: 1274604

File type: application/pdf

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<http://www.cs.odu.edu/~mln/pubs/tpdl-2015/tpdl-2015-profiling.pdf>

Size: 639001

File type: application/pdf

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<http://www.cs.odu.edu/~mln/pubs/jcdl-2014/jcdl-2014-brunelle-damage.pdf>

Size: 2205546

File type: application/pdf

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<http://bit.ly/1ZDatNK>

Size: 720476

File type: application/pdf

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<http://www.cs.odu.edu/~mln/pubs/jcdl-2015/jcdl-2015-mink.pdf>

Size: 1254605

File type: application/pdf

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<http://www.cs.odu.edu/~mln/pubs/jcdl-2015/jcdl-2015-arabic-sites.pdf>

Size: 709420

File type: application/pdf

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<http://www.cs.odu.edu/~mln/pubs/jcdl-2015/jcdl-2015-dictionary.pdf>

Size: 2350603

File type: application/pdf

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<https://arxiv.org/pdf/1512.06195.pdf>

Size: 1748961

File type: application/pdf

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<http://www.cs.odu.edu/~mln/pubs/jcdl-2015/jcdl-2015-temporal-intention.pdf>

Size: 720476

File type: application/pdf

Assignment 1 Report  
Timothy Filippone

3.

In:M I

SCC:A B C G

Out:D H

Tendrils:E F K L

Tubes:N J

Disconnected: